

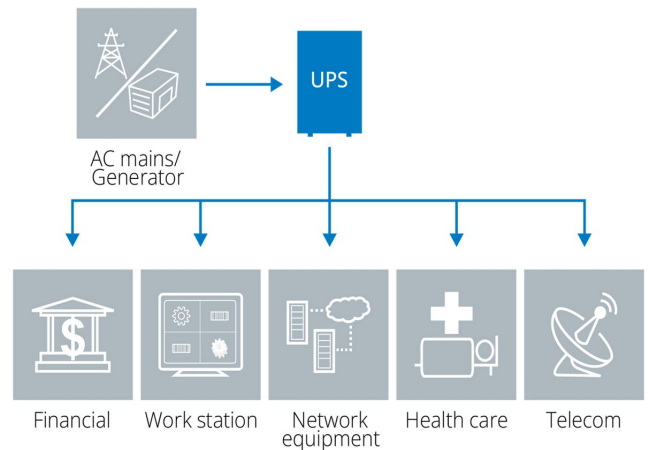
Optima Series Online UPS 6-10KVA



Key features

- Output power factor 1
- Wide input voltage range 160~276V with full load
- No power derating in full operating temperature range
- Inverter mode efficiency 95%
- Configurable battery voltage from 192~240V without power derating
- Input THDI <3%
- Output THDV <5%
- 3 hours recharging to 90% battery capacity for internal battery
- 12A charger current for long backup time model
- Charger current is adjustable from 1 to 12A through LCD
- Maintenance bypass switch and parallel options are offered

Typical application



Product specification

Model		T6000S+	T6000L+	T10000S+	T10000L+
Capacity		6000VA/6000W		10000VA/10000W	
Input	Input voltage range	110~276VAC			
	Frequency range	40-70Hz			
	Input wiring	Single phase with ground			
	Current distortion (thdi)	<3% @ full load			
Output	Output power factor	1			
	Nominal output voltage	220/230/240VAC			
	Voltage regulation	±1%			
	Frequency range (battery mode)	50/60±0.05 Hz			
	Current crest ratio	3:1			
	Voltage distortion (thdv)	<1 % @ Linear Load, <5% @ Non-Linear Load			
	Output waveform	Pure Sine Wave			
	Parall operation	(Optional)			
Efficiency	Inverter mode	95%			
	Battery mode	92%			
	Eco mode	98%			
Battery	Battery type	7Ah/9Ah	N/A	7Ah/9Ah	N/A
	Number of Internal battery	16	N/A	16	N/A
	Rated battery voltage	192VAC (192~240VDC configurable)			
	Backup time (@ pf0.9 Load)	4.5 mins	Depends on external battery	3 mins	Depends on external battery
	Backup time (@ 80% load)	5.5 mins		3.5 mins	
	Recharge time (to 90%)	3 hours	N/A	3 hours	N/A
	Charging current	1.4A (0~4A adjustable)	12A (0~12A adjustable)	2A (0~4A adjustable)	12A (0~12A adjustable)
Transfer time	Battery mode <-> inverter mode	0ms			
	Inverter mode <-> bypass mode	0ms			
	Eco mode <-> battery mode	10ms			
Display		LCD			
Audible alarm		Yes			
Dimension	Wxhxd	220*589*492mm	220*348*492mm	220*589*492mm	220*348*492mm
Environment	Operating temperature	0-40° C			
	Noise level	<45dB @ typical load		<50dB @ typical load	
Interface	Rs232/usb	Yes			
	External slot	Yes			
	Emergency power off	Yes			

* Due to continuous product improvement programs, specifications are subject to change without notice.

